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00220-2598160

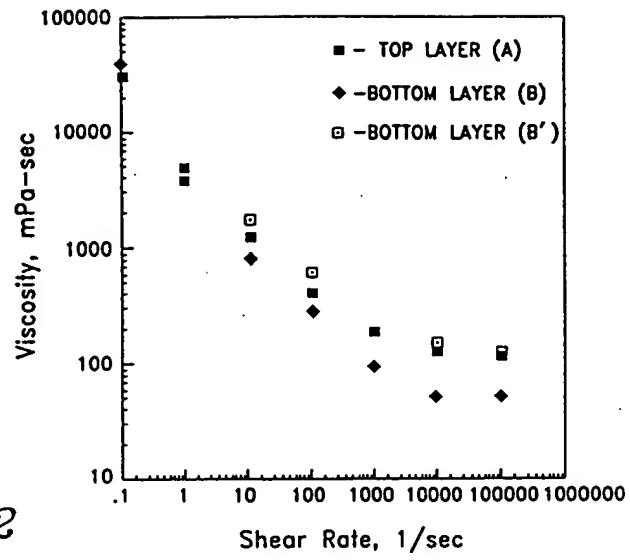


Fig. 2

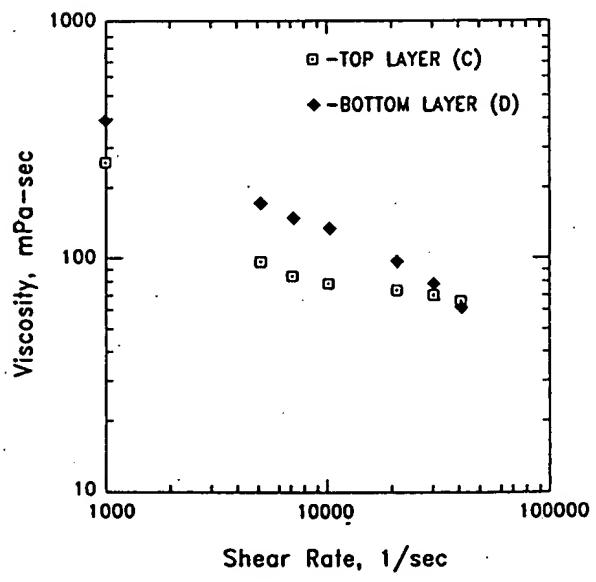


Fig. 3

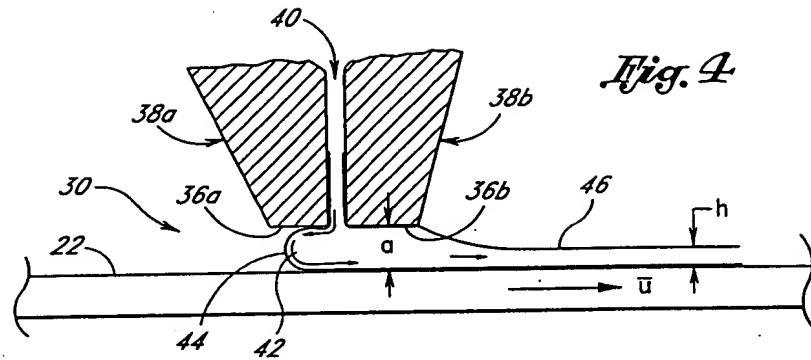


Fig. 4

Fig. 5a

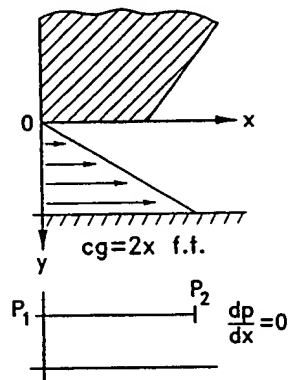


Fig. 5b

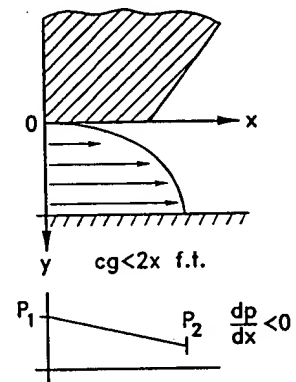


Fig. 5c

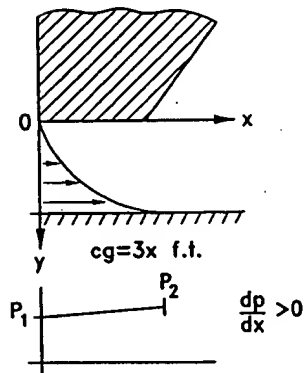
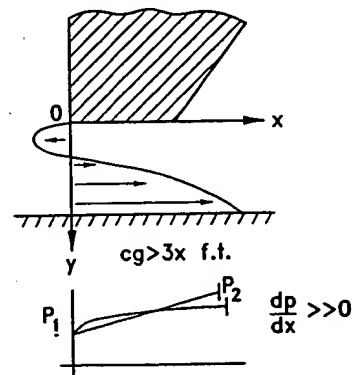


Fig. 5d



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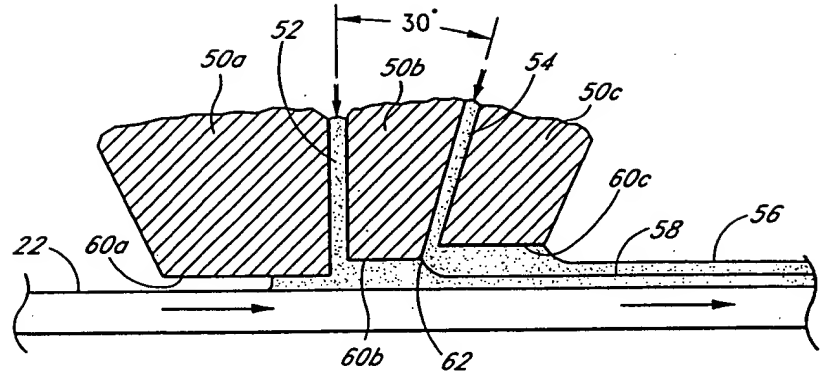


Fig. 6

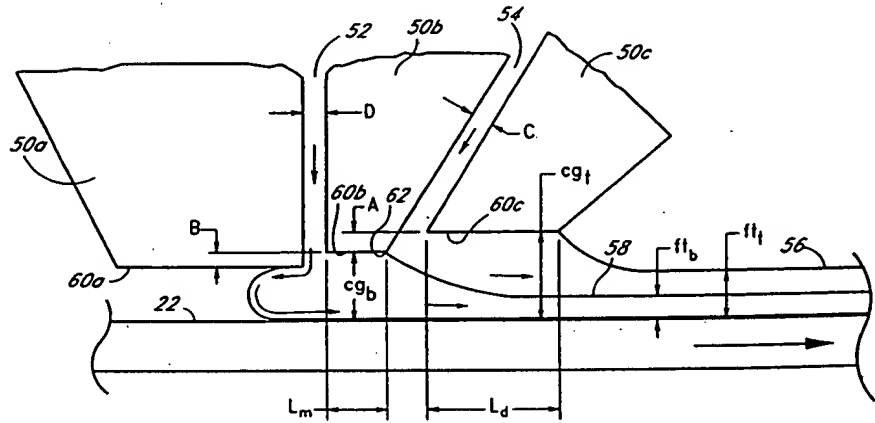


Fig. 7

002220-2598T650

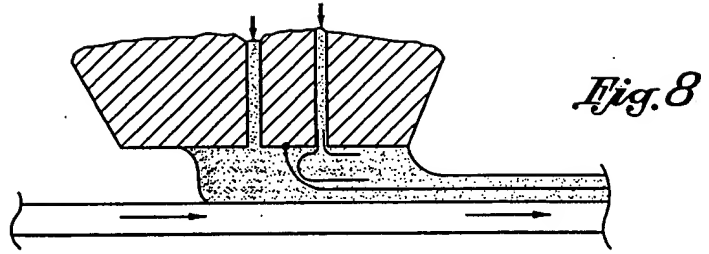


Fig. 8

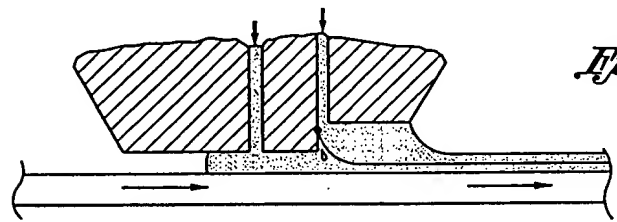


Fig. 9

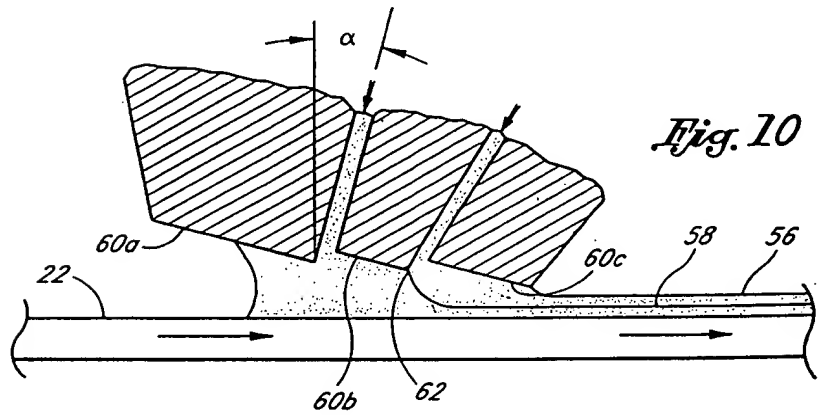


Fig. 10

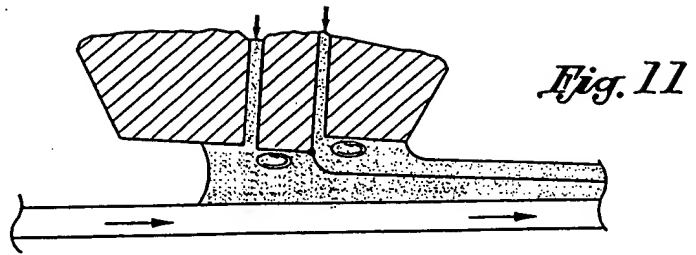


Fig. 11

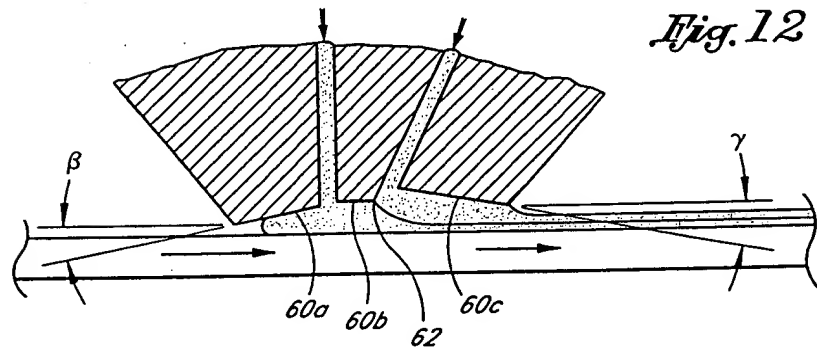


Fig. 12

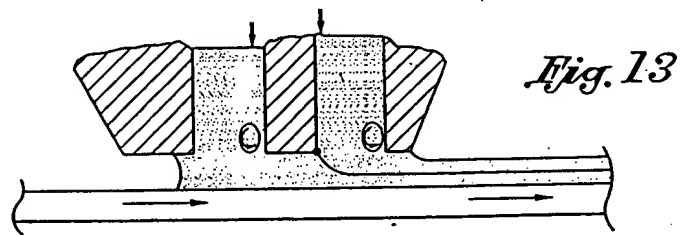


Fig. 13

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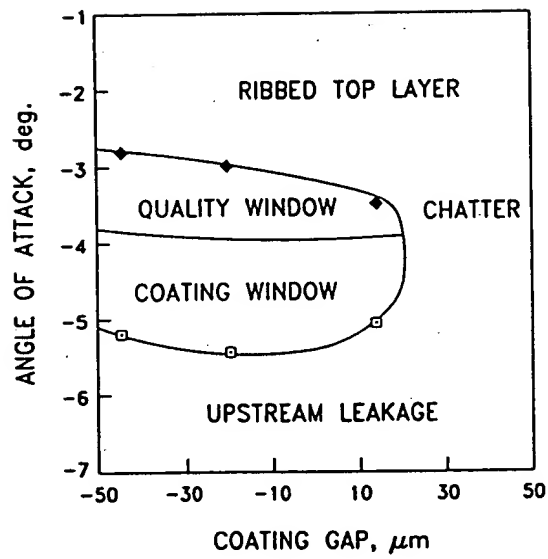


Fig. 14

00918652 032200

silicone →

support
layer →

paper →



Figure 15

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← Silicone

← Support layer

← paper

Figure 16

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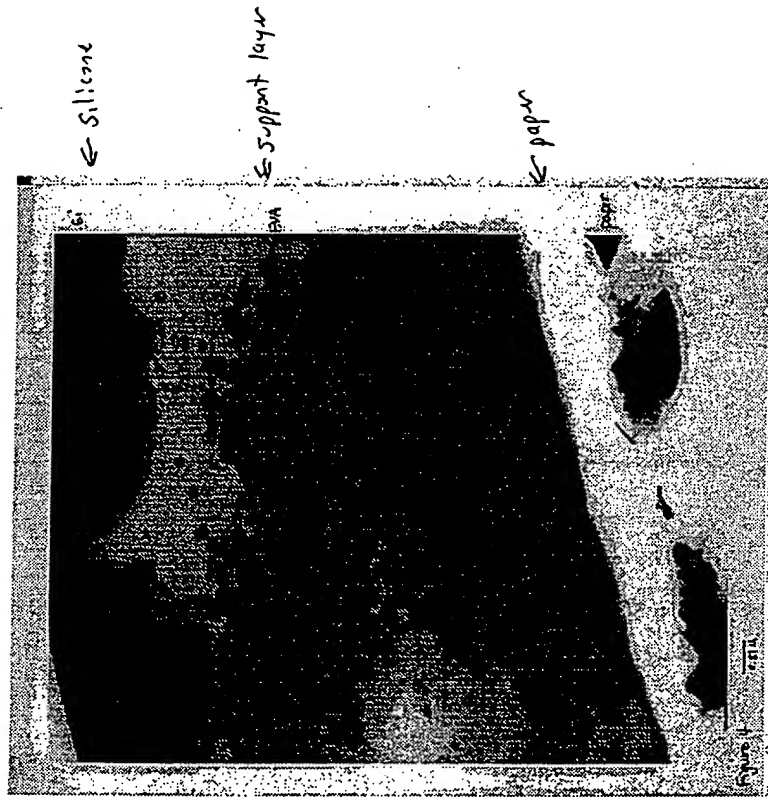
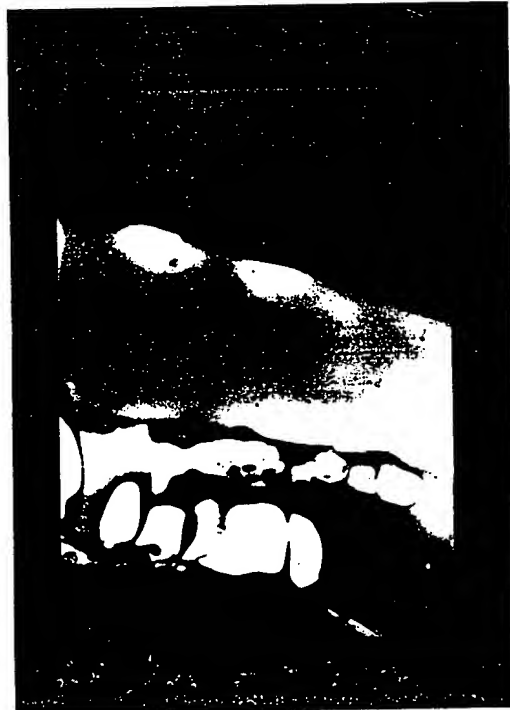


Figure 17

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← silicone

← support layer

← paper

Figure 18

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Flow into Paper

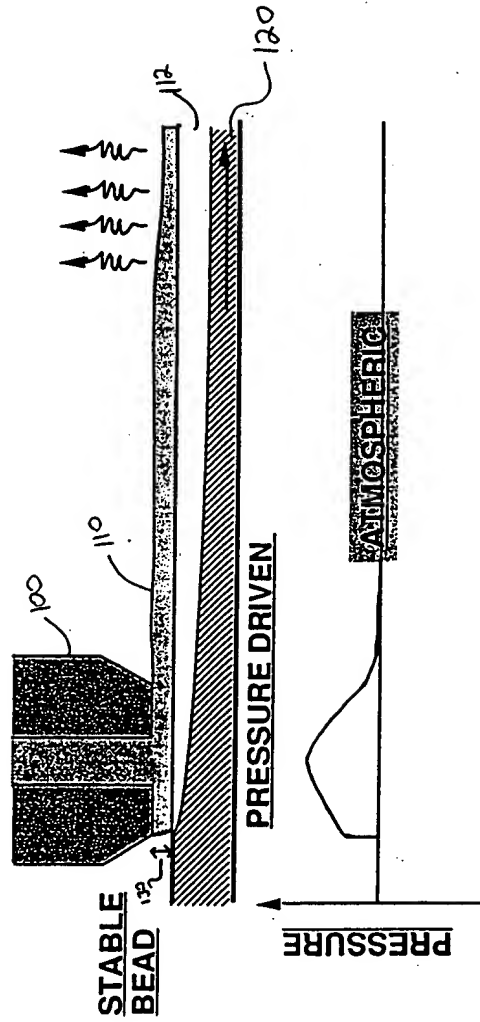


FIGURE 19A

PRESSURE DRIVEN FLOW PENETRATES PAPER RESULTING IN POOR
COVERAGE OF SILICONE OVER SURFACE.

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Flow into Paper

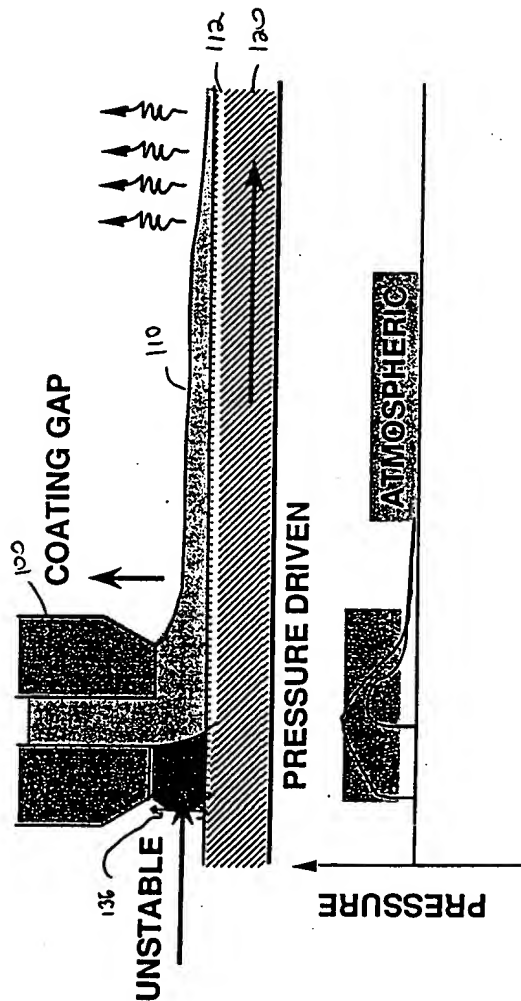


FIGURE 19 B

INCREASED COATING GAP REDUCES PRESSURE IN BEAD
BUT CREATES AN UNSTABLE FLOW AND DEFECTS



WITH APPLICATION OF VACUUM, STABILITY OF THE STABLE COATING BEAD RE-ESTABLISHED. LESS PRESSURE = LESS PENETRATION INTO PAPER

Table 8 in Graphical Form

